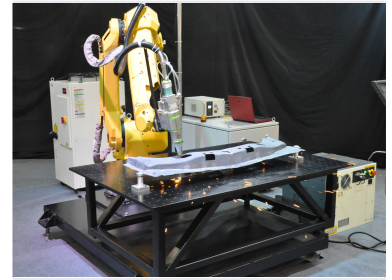
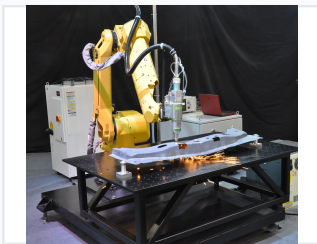


Three-Dimensional Fiber Laser Cutting Machine

This three-dimensional fiber laser cutting machine is designed for cutting complex shapes in various materials. It utilizes a robotic arm equipped with a fiber laser to achieve intricate cuts with high accuracy and speed.



ADDITIONAL IMAGES



Overview

High-Precision 3D Fiber Laser Cutting System

This three-dimensional fiber laser cutting machine utilizes an advanced robotic arm system to achieve flexible, complex curve machining paths. Designed for high-speed and high-accuracy performance, it is an ideal solution for industries requiring intricate material processing. The system features centralized operation and remote control capabilities, significantly reducing labor costs and improving operational efficiency.

Performance Metrics

Laser Output Power

700 W

Power Options

3000 W

Max Power

Axial Accuracy 0.05 mm

Workbench Repeat Accuracy 0.03 mm

Technical Specifications

Mechanical Protection Level

IP54

Installation Methods Floor Stand, Wall Mounted, Upside Down

Cooling Way Wind / Water Cooling

Power Requirements 380V/50Hz

Arm Length 2030 mm

Key Features

Operational Features

- Flexible 3D curve machining path
- Long distance transmission fiber laser
- Centralized operation system
- Wireless remote control box
- High-speed movement capability